



CONSTRUCTION NOTES

- ① SQUARE STEEL PLATE, 12"x12"x0.375" THICK.
- ② BLACK STEEL PIPE SUPPORT TUBE. 2.5" DIAMETER x 14" LONG x 0.375" WALL THICKNESS.
- ③ STAINLESS STEEL (316 ALLOY) ALL THREAD ROD. 2.0" DIAMETER x 18" LONG. TACK WELD TO TOP HEX NUT.
- ④ HEAVY HEX HEAD STEEL (304 ALLOY) NUT.
- ⑤ BLACK STEEL FLAT BAR STOCK. 1" WIDE x 12" LONG x 0.375" THICK. FILLET WELD TO HEX NUT, ONE FACE, EACH NUT. DELETE IN WATERWASTE PUMP STATION APPLICATIONS.
- ⑥ SADDLE SUPPORT. STEEL PIPE BENT OPEN TO ACCOMODATE SAME SIZE PIPE OR ROLLED STEEL FALT BAR TO MATCH SUPPORTED PIPE OR FITTINGS FLANGE O.D. 3" MINIMUM WIDTH x 12" ROLLED LENGTH. FILLET WELD HEX NUT TO BOTTOM OF SADDLE SUPPORT.
- ⑦ INSTALL BASE PLATE ON LEVELING COURSE OF HIGH STRENGHT EPOXY CEMENT COMPOUND.
- ⑧ COAT THREADS WITH LIBERAL AMOUNT OF ANTI-CEASE COMPOUND.
- ⑨ DRILL CONCRETE PAD OR VAULT FLOOR AND MOUNT BASE PLATE WITH 4 EACH 1/2" STAINLESS STEEL CONCRETE ANCHOR BOLTS. SEE BASE PLATES TEMPLATE.
- ⑩ TIGHTEN DOUBLE HEX NUTS SNUG AGAINST SUPPORT TUBE. USE 60 FT.LBS. TORQUE.
- ⑪ TACK WELD ALL THREAD ROD TO HEAVY HEX NUT UNDER SUPPORT SADDLE.
- ⑫ RED HEAD STAINLESS STEEL CONCRETE ANCHOR BOLT 1/2" DIAMETER x 4" LONG.
- ⑬ 1/2" STAINLESS STEEL HEX HEAD ANCHOR NUT. RED HEAD OR APPROVED EQUAL.
- ⑭ 1" x 1/2" HEAVY STAINLESS STEEL WASHERS. DOUBLE STACK ON TOP OF SUPPORT PLATE.

GENERAL NOTES

1. ALL PIPE SUPPORT COMPONENTS SHALL BE HOT DIP GALVANIZED AFTER FABRICATON, WITH THE EXCEPTION OF THE ALL THREAD ROD.
2. ALL PIPE SUPPORT COMPONENTS EXCEPT THE ALL THREAD ROD SHALL BE PAINTED AFTER FIELD INSTALLATION WITH AN ALYD ENAMEL PAINT SYSTEM CONSISTING OF A 2 MIL PRIMER COAT AND A 2 MIL COAT OF HIGH GLOSS ENAMEL. COLOR SHALL BE WHITE, RED OR BLUE AND SHALL MATCH THE SUPPORT PIPING AND FITTINGS.
3. PIPE SUPPORTS SHALL BE INSTALLED ON ALL BACKFLOW PREVENTION ASSEMBLIES.

APPROVED:

Manu J. Jansse
P.W. DIRECTOR / CITY ENGINEER

REVISED DATE: 5/15/08



City of Westminster

DEPARTMENT OF PUBLIC WORKS

PIPE SUPPORT
ASSEMBLY

STANDARD NUMBER

416